

gonorrhoeae and which recognizes a continuous amino acid sequence moiety from 5 to 30 amino acids including the 115<sup>th</sup> alanine in the amino acid sequence of SEQ ID NO: 22 of the Sequence Table.

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REMARKS

Responsive to the requirement for submission of a Sequence Listing, imposed in the outstanding Official Action, the same is provided herewith, attached to the present amendment, in paper format. It is respectfully submitted that the Sequence Listing has already been submitted in disk format. Applicants hereby state that the attached paper copy has the same content, and introduces no new matter into the present application.

It is believed that applicants have already submitted a Sequence Listing in paper format on August 27, 2001. A copy of the postcard receipt is attached. Nevertheless, in order to comply with the outstanding Official Action, applicants submit another copy of the Sequence Listing in paper format.

In this regard, the specification has been amended so it is commensurate with the submission of the present Sequence Listing.

In view of the above, it is respectfully submitted that the above-identified application complies with the requirements for patent applications containing nucleotide sequences and/or amino acid sequence disclosures.

MATSUYAMA et al. S.N. 09/744,910

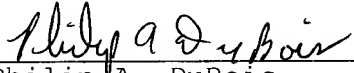
Favorable consideration of this application is respectfully requested.

Attached hereto is a marked-up version of the changes made to the specification and claim 8. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

Respectfully submitted,

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